Form PTO 948 (Rev.) U.S. DEPARTMENT OF COMMERCE - Patent and Trademark Office Application No. 09/748,137

NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawings filed (insert date) 03/26/03 & 04/09/03

A. ___ not objected to by the Draftsperson under 37 CFR 1.84 or 1.152.

B. ✓ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 as indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawings must be submitted according to the instructions on the back of this notice.

1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings:
   Black ink. Color.
   ___ Color drawings are not acceptable until petition is granted.
   Fig(s) ___
   ___ Pencil and non black ink not permitted. Fig(s) ___
2. PHOTOGRAPHS. 37 CFR 1.84(b)
   ___ 1 full-tone set is required. Fig(s) ___
   ___ Photographs may not be mounted. 37 CFR 1.84(c)
   ___ Poor quality (half-tone). Fig(s) ___
3. TYPE OF PAPER. 37 CFR 1.84(e)
   ___ Paper not flexible, strong, white, and durable.
   Fig(s) ___
   ✓ Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) 1-2, 4-9
   ___ Mylar, velum paper is not acceptable (too thin).
   Fig(s) ___
4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:
   ___ 21.0 cm by 29.7 cm (DIN size A4)
   ___ 21.6 cm by 27.9 cm (8 1/2 x 11 inches)
   ✓ All drawing sheets not the same size.
   Sheet(s) ___
   ___ Drawings sheets not an acceptable size. Fig(s) ___
5. MARGINS. 37 CFR 1.84(g): Acceptable margins:

   Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm
   SIZE: A4 Size
   Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm
   SIZE: 8 1/2 x 11
   Margins not acceptable. Fig(s) ___
   ___ Top (T) ___ Left (L)
   ___ Right (R) ___ Bottom (B)
6. VIEWS. 37 CFR 1.84(h)
   REMINDER: Specification may require revision to correspond to drawing changes.
   Partial views. 37 CFR 1.84(h)(2)
   ___ Brackets needed to show figure as one entity.
   Fig(s) ___
   ___ Views not labeled separately or properly.
   Fig(s) ___
   ___ Enlarged view not labeled separately or properly.
   Fig(s) ___
7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3)
   ___ Hatching not indicated for sectional portions of an object.
   Fig(s) ___
   ___ Sectional designation should be noted with Arabic or Roman numbers. Fig(s) ___
8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)
   ___ Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) ___
9. SCALE. 37 CFR 1.84(k)
   ___ Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction.
   Fig(s) ___
10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(l)
    ___ Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality).
    Fig(s) ___
11. SHADING. 37 CFR 1.84(m)
    ___ Solid black areas pale. Fig(s) ___
    ___ Solid black shading not permitted. Fig(s) ___
    ___ Shade lines, pale, rough and blurred. Fig(s) ___
12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(p)
    ___ Numbers and reference characters not plain and legible. Fig(s) ___
    ___ Figure legends are poor. Fig(s) ___
    ___ Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1)
    Fig(s) ___
    ___ English alphabet not used. 37 CFR 1.84(p)(2)
    Fig(s) ___
    ___ Numbers, letters and reference characters must be at least .32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3)
    Fig(s) ___
13. LEAD LINES. 37 CFR 1.84(q)
    ___ Lead lines cross each other. Fig(s) ___
    ___ Lead lines missing. Fig(s) ___
14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(t)
    ___ Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) ___
15. NUMBERING OF VIEWS. 37 CFR 1.84(u)
    ___ Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) ___
16. CORRECTIONS. 37 CFR 1.84(w)
    ___ Corrections not made from prior PTO-948 dated ___
17. DESIGN DRAWINGS. 37 CFR 1.152
    ___ Surface shading shown not appropriate. Fig(s) ___
    ___ Solid black shading not used for color contrast.
    Fig(s) ___

COMMENTS

* THERE IS ONE BLANK LINE RUNNING VERTICALLY ON EACH SHEET AND CUT OFF PORTION OF DRAWINGS (PHOTOCOPIER DEFECT!)

REVIEWER [illegible] Soliman DATE 05/28/03 TELEPHONE NO. ___

ATTACHMENT TO PAPER NO. 8